

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Gilbert 2-14-3-3WH				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Max and Valona Fabrizio						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-848-5430				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Box 10B, Hanna, UT 84031						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		366 FNL 2407 FEL		NWNE	14	3.0 S	3.0 W	U		
Top of Uppermost Producing Zone		366 FNL 2407 FEL		NWNE	14	3.0 S	3.0 W	U		
At Total Depth		670 FSL 2407 FEL		SWSE	14	3.0 S	3.0 W	U		
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 366			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 13418 TVD: 9210				
27. ELEVATION - GROUND LEVEL 5260			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 2500	36.0	J-55 ST&C	0.0	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 9707	26.0	P-110 Other	10.5	Premium Lite High Strength	269	3.53	11.0
							50/50 Poz	449	1.24	14.3
PROD	6.125	4.5	8814 - 13418	13.5	P-110 Other	10.5	50/50 Poz	402	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018		
SIGNATURE				DATE 11/20/2011				EMAIL starpoint@etv.net		
API NUMBER ASSIGNED 43013510800000				APPROVAL Permit Manager						

Newfield Production Company**Gilbert 2-14-3-3WH****Surface Hole Location: 366' FNL, 2407' FEL, Section 14, T3S, R3W****Bottom Hole Location: 670' FSL, 2407' FEL, Section 14, T3S, R3W****Duchesne County, UT****Drilling Program****1. Formation Tops**

Uinta	surface
Green River	3,585'
Garden Gulch member	6,490'
Wasatch	8,970'
Pilot Hole TD	10,100'
Lateral TD	9,210' TVD / 13,418' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	530'	(water)
Green River	6,490' - 8,970'	(oil)
Wasatch	8,970' - 9,210'	(oil)

Note: A pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes.

3. Pressure ControlSection BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
Intermediate 7	0'	9,384' 9,707'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
Production 4 1/2	8,814'	9,210' 13,418'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
									3.21	2.60	6.79

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720	15%	11.0	3.53
				204			
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180	15%	15.8	1.17
				154			
Pilot Hole Plug Back	8 3/4	1,436'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	690	15%	14.3	1.24
				556			
Intermediate Lead	8 3/4	5,490'	Premium Lite II w/ 3% KCl + 10% bentonite	949	15%	11.0	3.53
				269			
Intermediate Tail	8 3/4	3,217'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	556	15%	14.3	1.24
				449			
Production	6 1/8	4,604'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	499	15%	14.3	1.24
				402			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control

formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

$$9,210' \times 0.52 \text{ psi/ft} = 4789 \text{ psi}$$

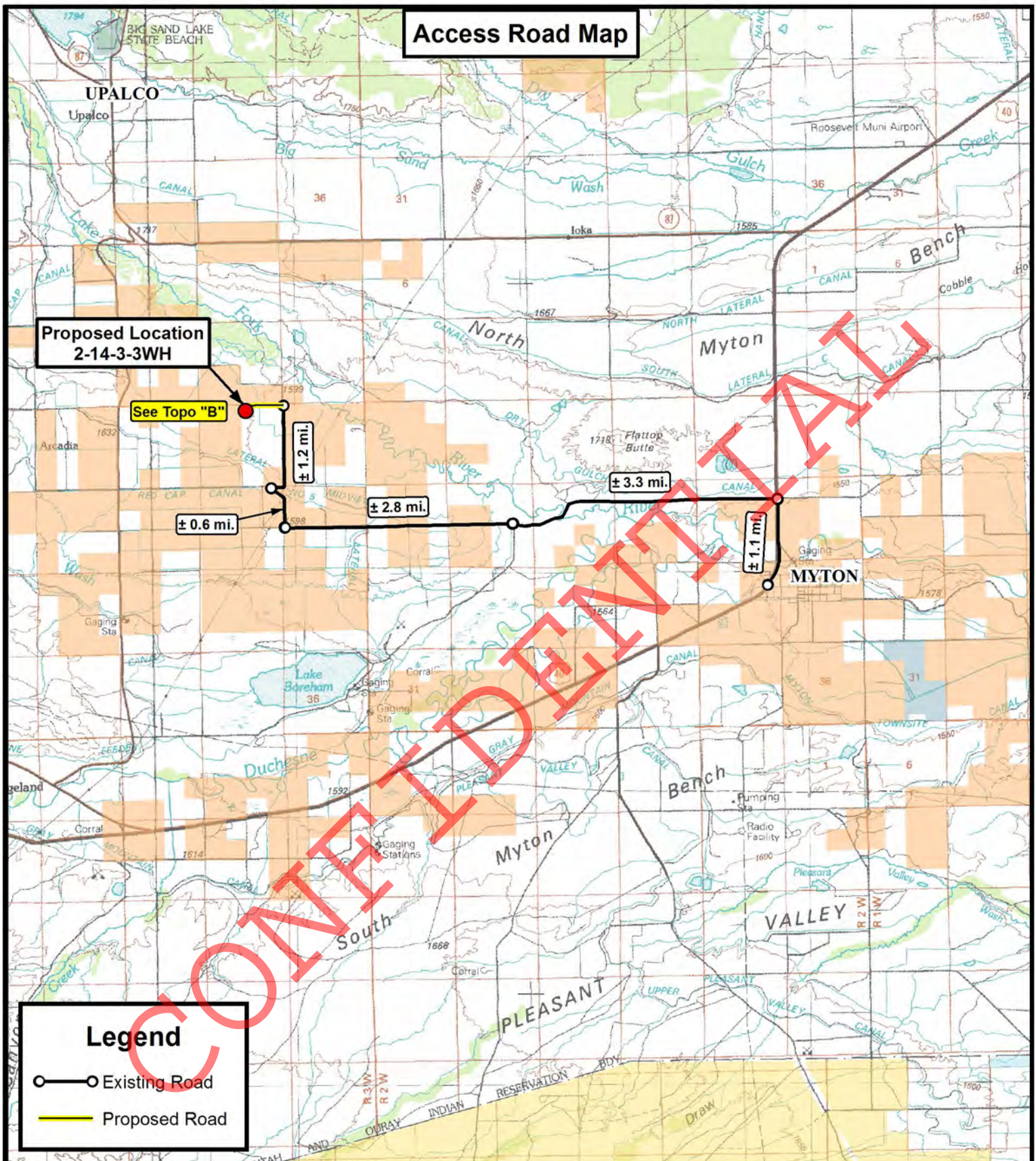
No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone. The pilot hole will be logged, and then plugged back in preparation for horizontal operations. Directional tools will then be used to build to 92.69 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner will be run and cemented in place. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Access Road Map



Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

2-14-3-3WH
SEC. 14, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 11-11-11 D.C.R. VERSION:

DATE: 11-03-2011

SCALE: 1:100,000

V2

TOPOGRAPHIC MAP

SHEET

A

Access Road Map

Proposed Location
2-14-3-3WH

± 2,486'

± 16'

FABRIZIO
MAX M

± 1.2 mi.

± 0.6 mi.

Myton ± 7.2 mi.

Legend

- Existing Road
- Proposed Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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DATE: 11-03-2011

SCALE: 1" = 2,000'

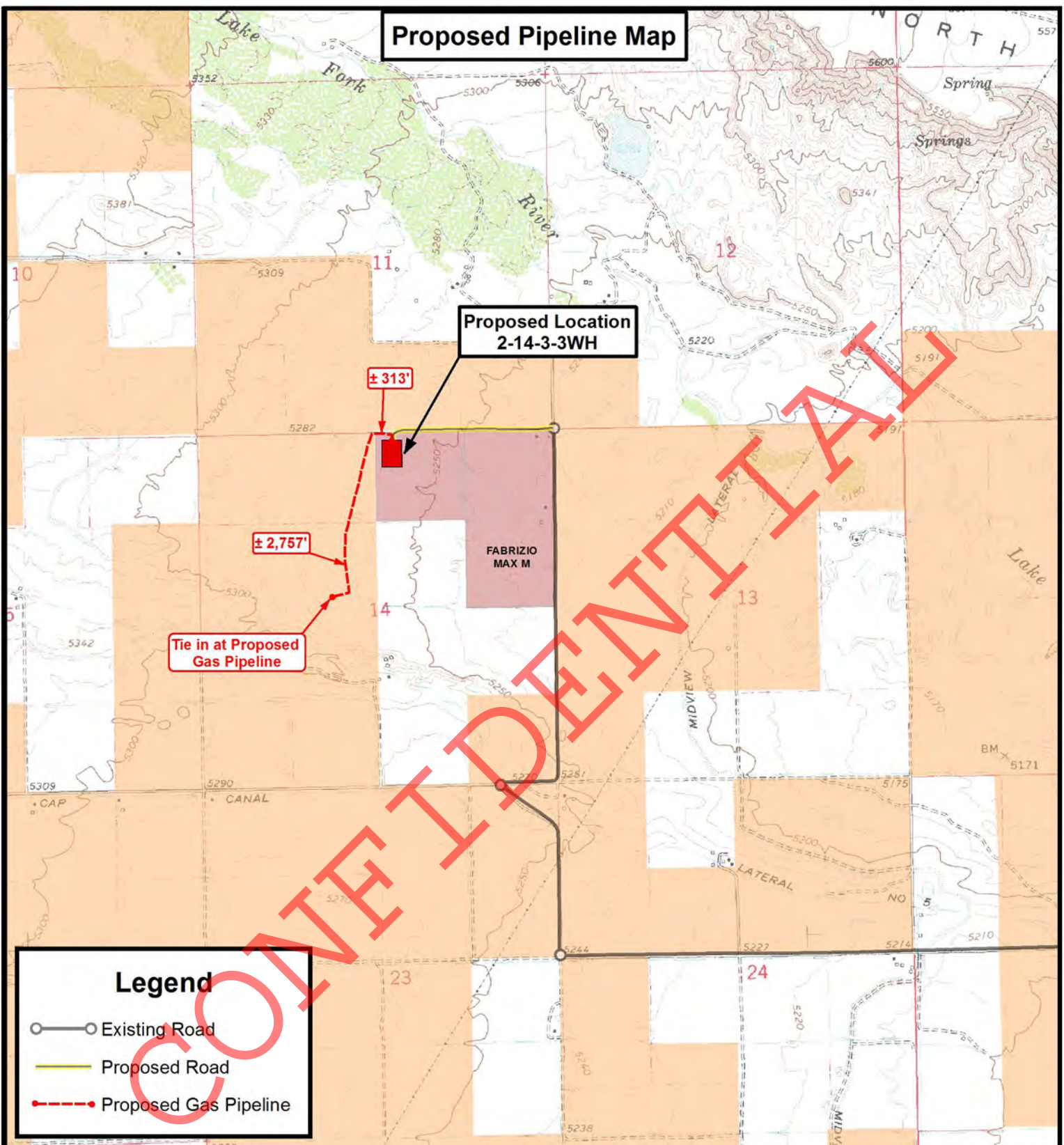
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TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

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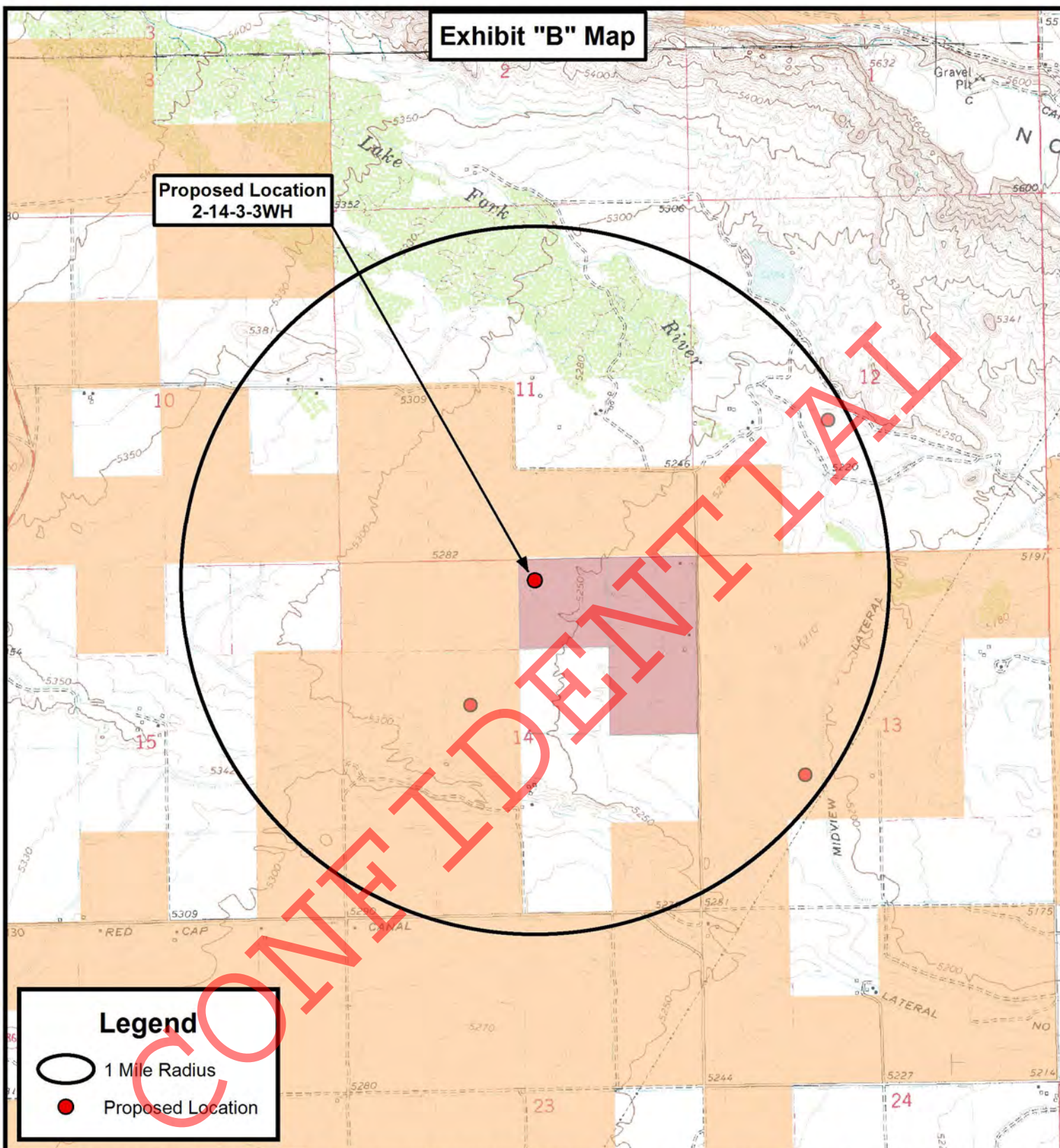
SCALE: 1" = 2,000'

V2

TOPOGRAPHIC MAP

SHEET

C



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SEC. 14, T3S, R3W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	11-11-11 D.C.R.	VERSION:
DATE:	11-03-2011			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

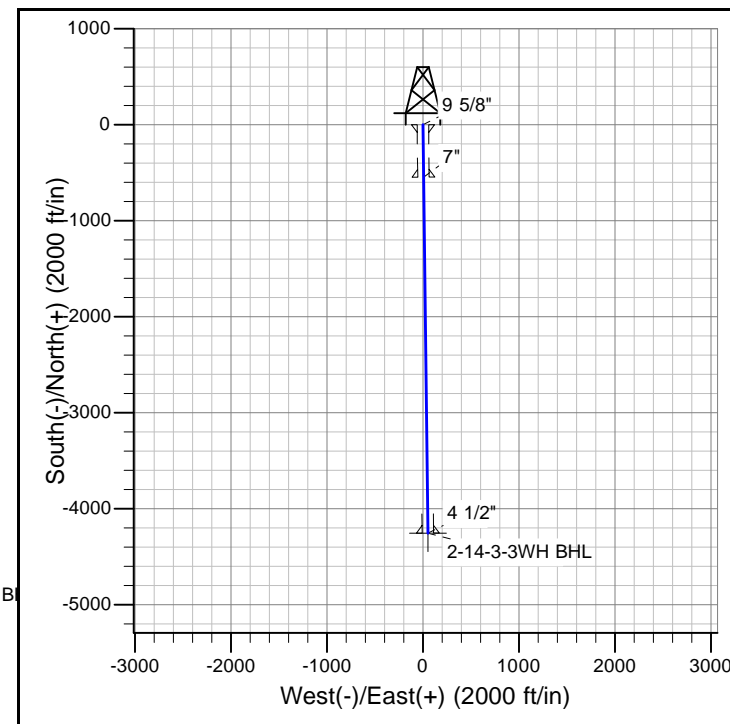
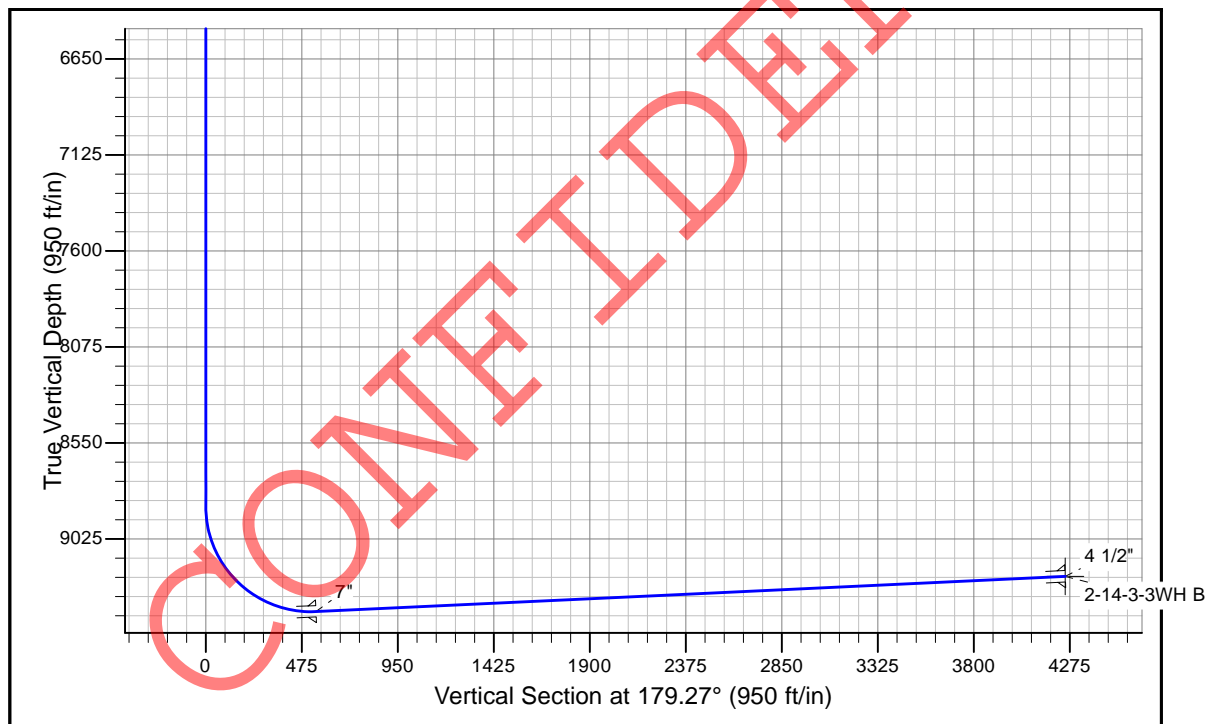
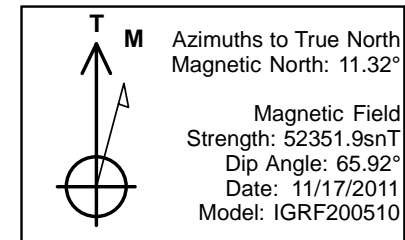
SHEET

D



Newfield Production Company

Project: Uinta Basin
Site: Gilbert 2-14-3-3WH
Well: Gilbert 2-14-3-3WH
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	8863.9	0.00	0.00	8863.9	0.0	0.0	0.00	0.00	0.0	
3	9706.5	92.69	179.28	9384.2	-545.3	6.9	11.00	179.28	545.3	
4	13417.9	92.69	179.28	9210.0	-4252.3	53.8	0.00	0.00	4252.7	2-14-3-3WH BHL

PROJECT DETAILS: Uinta Basin

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level

Newfield Production Company

Uinta Basin

Gilbert 2-14-3-3WH

Gilbert 2-14-3-3WH

Wellbore #1

Plan: Design #1

Standard Planning Report

17 November, 2011

CONFIDENTIAL

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Gilbert 2-14-3-3WH
Company:	Newfield Production Company	TVD Reference:	RKB @ 5278.0ft
Project:	Uinta Basin	MD Reference:	RKB @ 5278.0ft
Site:	Gilbert 2-14-3-3WH	North Reference:	True
Well:	Gilbert 2-14-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Uinta Basin		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site		Gilbert 2-14-3-3WH			
Site Position:		Northing:	2,211,189.73 m	Latitude:	40° 13' 41.670 N
From:	Lat/Long	Easting:	611,549.23 m	Longitude:	110° 11' 21.070 W
Position Uncertainty:	0.0 ft	Slot Radius:	0.000 in	Grid Convergence:	0.84 °

Well	Gilbert 2-14-3-3WH					
Well Position	+N/-S	0.0 ft	Northing:	2,211,189.73 m	Latitude:	40° 13' 41.670 N
	+E/-W	0.0 ft	Easting:	611,549.23 m	Longitude:	110° 11' 21.070 W
Position Uncertainty		0.0 ft	Wellhead Elevation:		Ground Level:	5,260.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/17/2011	11.32	65.92	52,352

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	179.28

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
8,863.9	0.00	0.00	8,863.9	0.0	0.0	0.00	0.00	0.00	0.00	
9,706.5	92.69	179.28	9,384.2	-545.3	6.9	11.00	11.00	0.00	179.28	
13,417.9	92.69	179.28	9,210.0	-4,252.3	53.8	0.00	0.00	0.00	0.00	2-14-3-3WH BHL

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Gilbert 2-14-3-3WH
Company:	Newfield Production Company	TVD Reference:	RKB @ 5278.0ft
Project:	Uinta Basin	MD Reference:	RKB @ 5278.0ft
Site:	Gilbert 2-14-3-3WH	North Reference:	True
Well:	Gilbert 2-14-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Gilbert 2-14-3-3WH
Company:	Newfield Production Company	TVD Reference:	RKB @ 5278.0ft
Project:	Uinta Basin	MD Reference:	RKB @ 5278.0ft
Site:	Gilbert 2-14-3-3WH	North Reference:	True
Well:	Gilbert 2-14-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,863.9	0.00	0.00	8,863.9	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	3.97	179.28	8,900.0	-1.3	0.0	1.3	11.00	11.00	0.00
9,000.0	14.97	179.28	8,998.5	-17.7	0.2	17.7	11.00	11.00	0.00
9,100.0	25.97	179.28	9,092.0	-52.6	0.7	52.6	11.00	11.00	0.00
9,200.0	36.97	179.28	9,177.2	-104.7	1.3	104.7	11.00	11.00	0.00
9,300.0	47.97	179.28	9,250.8	-172.1	2.2	172.2	11.00	11.00	0.00
9,400.0	58.97	179.28	9,310.2	-252.4	3.2	252.4	11.00	11.00	0.00
9,500.0	69.97	179.28	9,353.3	-342.5	4.3	342.5	11.00	11.00	0.00
9,600.0	80.97	179.28	9,378.3	-439.1	5.6	439.1	11.00	11.00	0.00
9,700.0	91.97	179.28	9,384.5	-538.8	6.8	538.8	11.00	11.00	0.00
9,706.5	92.69	179.28	9,384.2	-545.2	6.9	545.3	11.00	11.00	0.00
7"									
9,800.0	92.69	179.28	9,379.8	-638.6	8.1	638.7	0.00	0.00	0.00
9,900.0	92.69	179.28	9,375.1	-738.5	9.3	738.6	0.00	0.00	0.00
10,000.0	92.69	179.28	9,370.4	-838.4	10.6	838.5	0.00	0.00	0.00
10,100.0	92.69	179.28	9,365.7	-938.3	11.9	938.4	0.00	0.00	0.00
10,200.0	92.69	179.28	9,361.0	-1,038.2	13.1	1,038.2	0.00	0.00	0.00

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Gilbert 2-14-3-3WH
Company:	Newfield Production Company	TVD Reference:	RKB @ 5278.0ft
Project:	Uinta Basin	MD Reference:	RKB @ 5278.0ft
Site:	Gilbert 2-14-3-3WH	North Reference:	True
Well:	Gilbert 2-14-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,300.0	92.69	179.28	9,356.3	-1,138.0	14.4	1,138.1	0.00	0.00	0.00
10,400.0	92.69	179.28	9,351.6	-1,237.9	15.7	1,238.0	0.00	0.00	0.00
10,500.0	92.69	179.28	9,346.9	-1,337.8	16.9	1,337.9	0.00	0.00	0.00
10,600.0	92.69	179.28	9,342.3	-1,437.7	18.2	1,437.8	0.00	0.00	0.00
10,700.0	92.69	179.28	9,337.6	-1,537.6	19.5	1,537.7	0.00	0.00	0.00
10,800.0	92.69	179.28	9,332.9	-1,637.5	20.7	1,637.6	0.00	0.00	0.00
10,900.0	92.69	179.28	9,328.2	-1,737.3	22.0	1,737.5	0.00	0.00	0.00
11,000.0	92.69	179.28	9,323.5	-1,837.2	23.2	1,837.4	0.00	0.00	0.00
11,100.0	92.69	179.28	9,318.8	-1,937.1	24.5	1,937.3	0.00	0.00	0.00
11,200.0	92.69	179.28	9,314.1	-2,037.0	25.8	2,037.1	0.00	0.00	0.00
11,300.0	92.69	179.28	9,309.4	-2,136.9	27.0	2,137.0	0.00	0.00	0.00
11,400.0	92.69	179.28	9,304.7	-2,236.7	28.3	2,236.9	0.00	0.00	0.00
11,500.0	92.69	179.28	9,300.0	-2,336.6	29.6	2,336.8	0.00	0.00	0.00
11,600.0	92.69	179.28	9,295.3	-2,436.5	30.8	2,436.7	0.00	0.00	0.00
11,700.0	92.69	179.28	9,290.6	-2,536.4	32.1	2,536.6	0.00	0.00	0.00
11,800.0	92.69	179.28	9,285.9	-2,636.3	33.4	2,636.5	0.00	0.00	0.00
11,900.0	92.69	179.28	9,281.2	-2,736.2	34.6	2,736.4	0.00	0.00	0.00
12,000.0	92.69	179.28	9,276.5	-2,836.0	35.9	2,836.3	0.00	0.00	0.00
12,100.0	92.69	179.28	9,271.9	-2,935.9	37.2	2,936.2	0.00	0.00	0.00
12,200.0	92.69	179.28	9,267.2	-3,035.8	38.4	3,036.0	0.00	0.00	0.00
12,300.0	92.69	179.28	9,262.5	-3,135.7	39.7	3,135.9	0.00	0.00	0.00
12,400.0	92.69	179.28	9,257.8	-3,235.6	40.9	3,235.8	0.00	0.00	0.00
12,500.0	92.69	179.28	9,253.1	-3,335.4	42.2	3,335.7	0.00	0.00	0.00
12,600.0	92.69	179.28	9,248.4	-3,435.3	43.5	3,435.6	0.00	0.00	0.00
12,700.0	92.69	179.28	9,243.7	-3,535.2	44.7	3,535.5	0.00	0.00	0.00
12,800.0	92.69	179.28	9,239.0	-3,635.1	46.0	3,635.4	0.00	0.00	0.00
12,900.0	92.69	179.28	9,234.3	-3,735.0	47.3	3,735.3	0.00	0.00	0.00
13,000.0	92.69	179.28	9,229.6	-3,834.9	48.5	3,835.2	0.00	0.00	0.00
13,100.0	92.69	179.28	9,224.9	-3,934.7	49.8	3,935.1	0.00	0.00	0.00
13,200.0	92.69	179.28	9,220.2	-4,034.6	51.1	4,034.9	0.00	0.00	0.00
13,300.0	92.69	179.28	9,215.5	-4,134.5	52.3	4,134.8	0.00	0.00	0.00
13,400.0	92.69	179.28	9,210.8	-4,234.4	53.6	4,234.7	0.00	0.00	0.00
13,417.9	92.69	179.28	9,210.0	-4,252.3	53.8	4,252.6	0.00	0.00	0.00

4 1/2"

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
- Shape									
2-14-3-3WH BHL	0.00	0.00	9,210.0	-4,252.3	53.8	2,209,894.00	611,584.62	40° 12' 59.646 N	110° 11' 20.376 W
- plan hits target center									
- Point									

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Gilbert 2-14-3-3WH
Company:	Newfield Production Company	TVD Reference:	RKB @ 5278.0ft
Project:	Uinta Basin	MD Reference:	RKB @ 5278.0ft
Site:	Gilbert 2-14-3-3WH	North Reference:	True
Well:	Gilbert 2-14-3-3WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,500.0	2,500.0	9 5/8"	9.625	12.250
9,706.5	9,384.2	7"	7.000	8.750
13,417.9	9,210.0	4 1/2"	4.500	6.125

CONFIDENTIAL

**AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND
SURFACE USE AGREEMENT**

Christian C. Sizemore personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Christian C. Sizemore. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Gilbert 2-14-3-3WH well to be located in the NWNE of Section 14, Township 3 South, Range 3 West, Duchesne, County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Max and Valona Fabrizio, whose address is Box 10B, Hanna, UT 84031 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated October 24, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.


Christian C. Sizemore, Landman

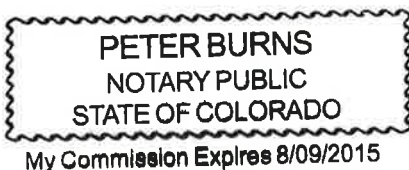
ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

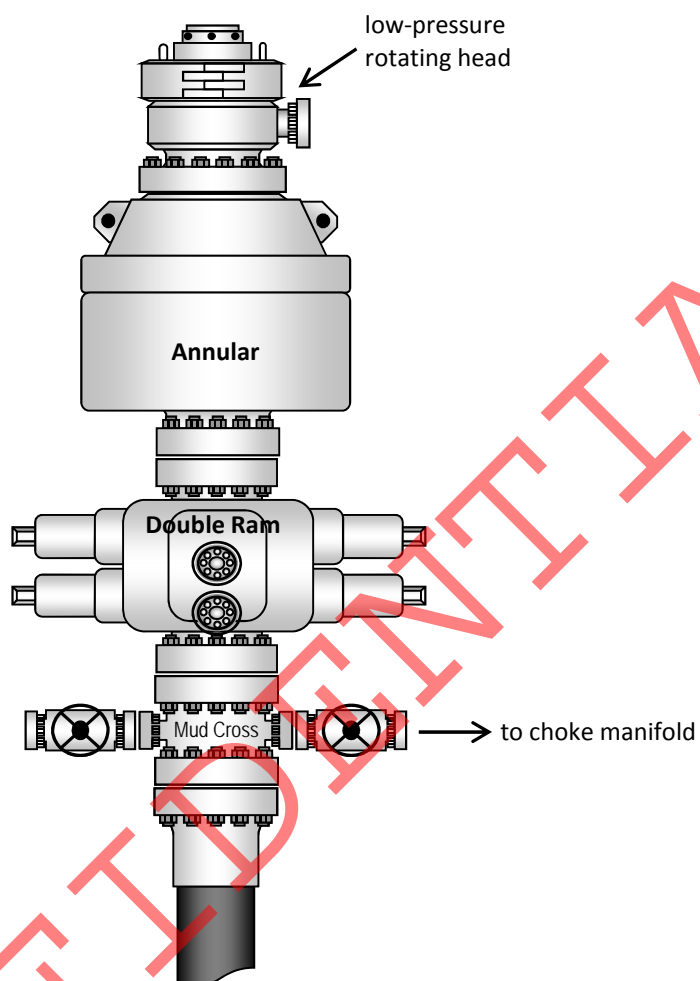
Before me, a Notary Public, in and for the State, on this 15th day of November, 2011, personally appeared Christian C. Sizemore, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.


NOTARY PUBLIC

My Commission Expires:



Typical 5M BOP stack configuration



NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****2-14-3-3WH***Pad Location: NWNE Section 14, T3S, R3W, U.S.B.&M.*

Proposed Access

Existing Questar
Pipeline**TOP HOLE FOOTAGES**2-14-3-3WH (PROPOSED)
366' FNL & 2407' FEL**BOTTOM HOLE FOOTAGES**2-14-3-3WH (PROPOSED)
670' FSL & 2407' FEL

Future Pit

2-14-3-3WH (PROPOSED)

(To Bottom Hole)
S00°43'30"E 4252.65'Edge of
Proposed
Pad**Note:**Bearings are
based on GPS
Observations.**RELATIVE COORDINATES**
From Top Hole to Bottom Hole

WELL	NORTH	EAST
2-14-3-3WH	-4,252'	54'

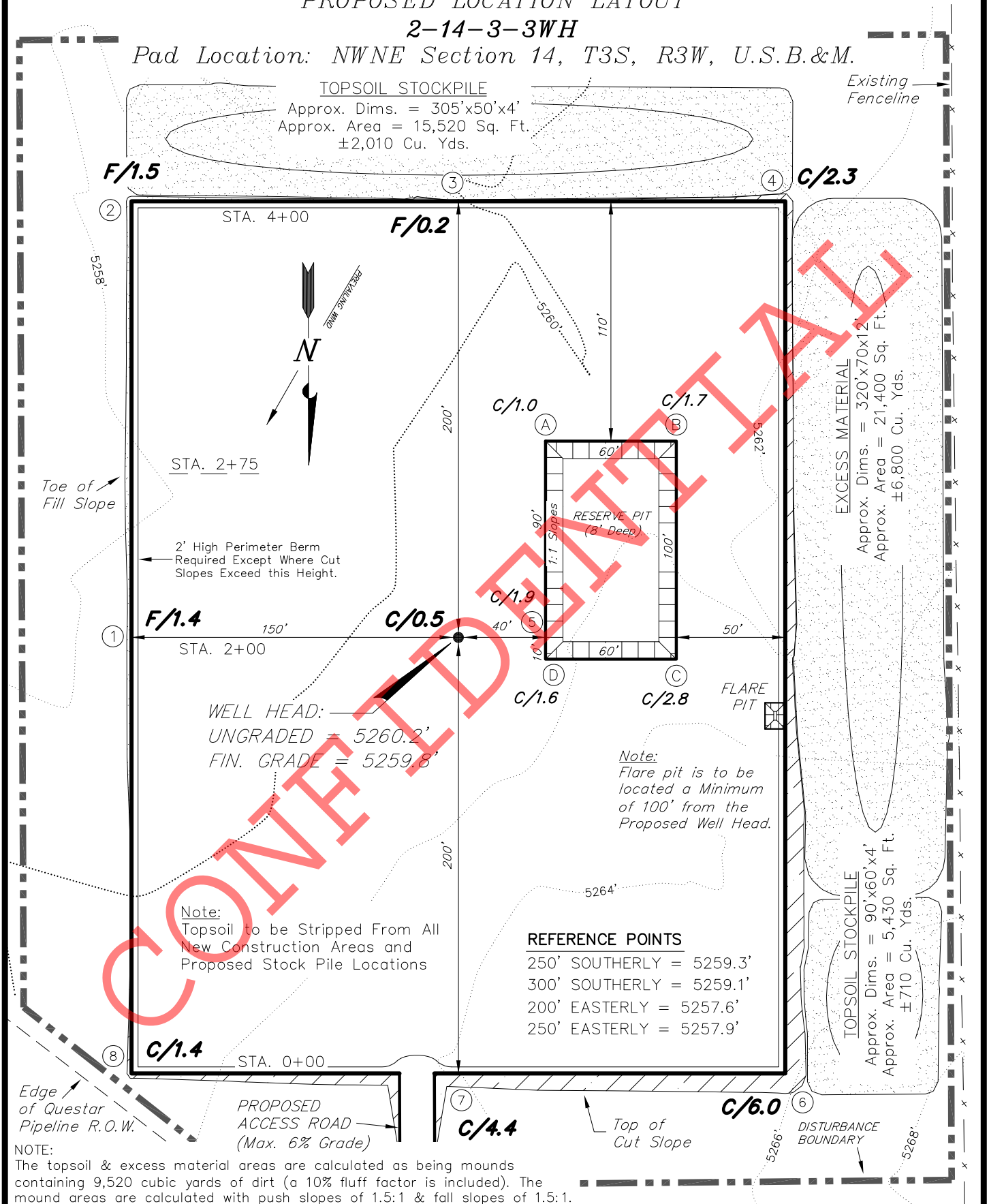
LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-14-3-3WH	40° 13' 41.67"	110° 11' 21.07"

SURVEYED BY: S.H.	DATE SURVEYED: 11-09-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-02-11	V2
SCALE: 1" = 60'	REVISED: F.T.M. 11-11-11	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 20, 2011

NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****2-14-3-3WH***Pad Location: NWNE Section 14, T3S, R3W, U.S.B.&M.*

SURVEYED BY: S.H.	DATE SURVEYED: 11-09-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-02-11	V2
SCALE: 1" = 60'	REVISED: F.T.M. 11-11-11	

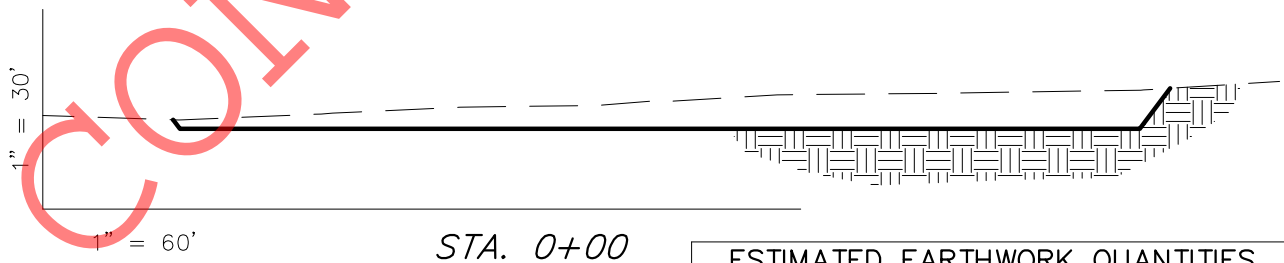
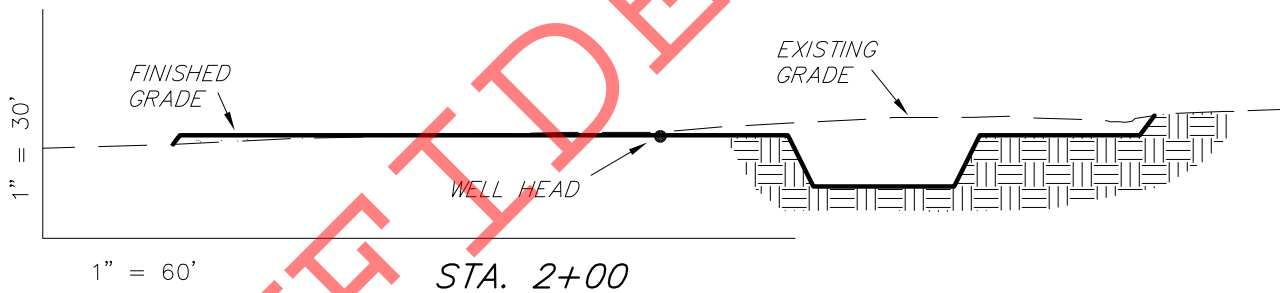
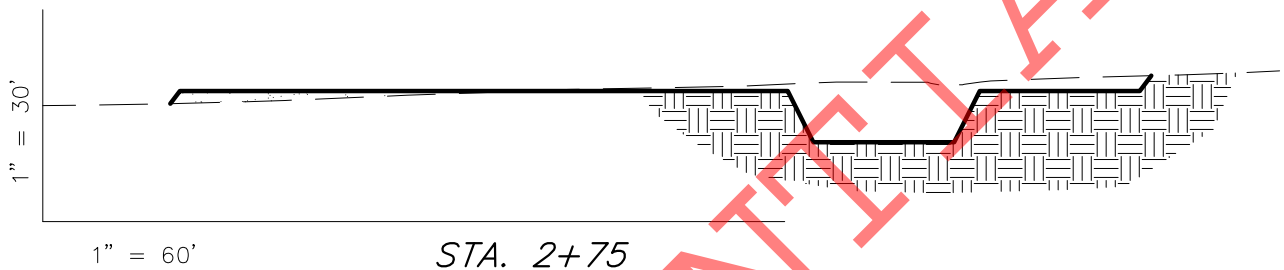
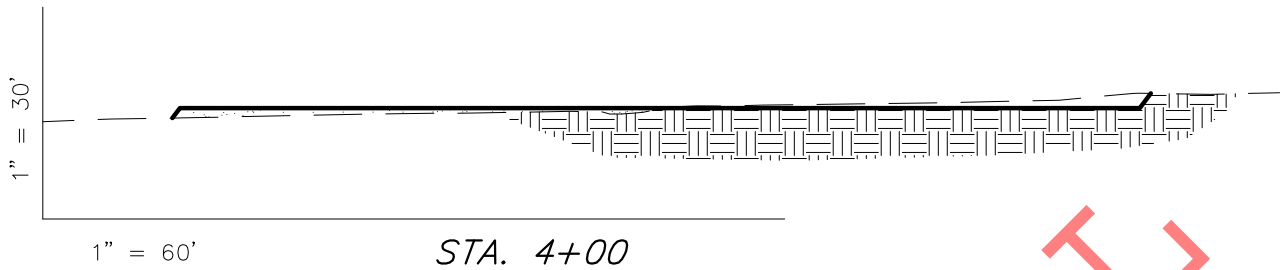
Tri State

(435) 781-2501

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 20, 2011

NEWFIELD EXPLORATION COMPANY**CROSS SECTIONS****2-14-3-3WH***Pad Location: NWNE Section 14, T3S, R3W, U.S.B.&M.*

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

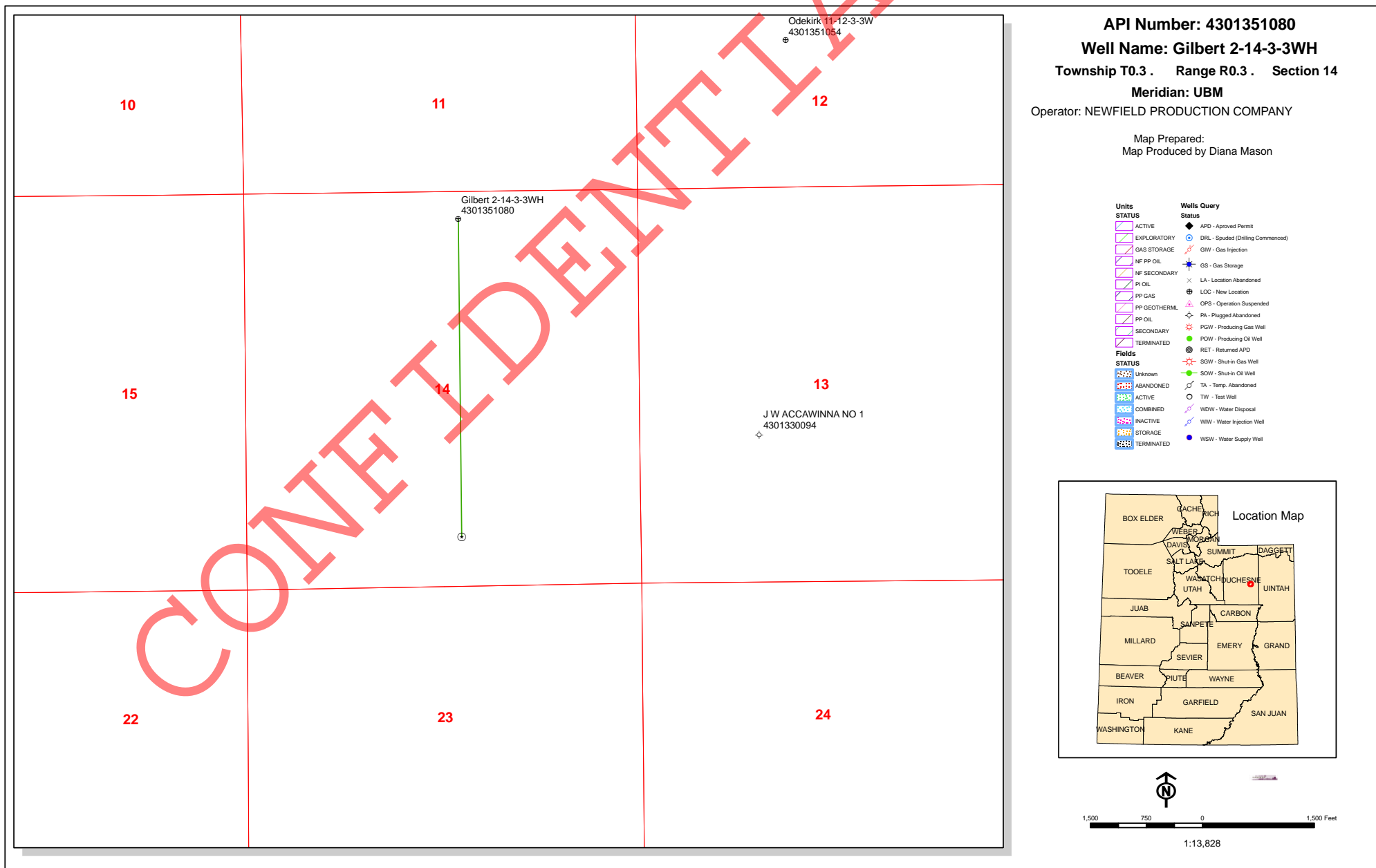
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,330	1,570	Topsoil is not included in Pad Cut Volume	4,760
PIT	1,420	0		1,420
TOTALS	7,750	1,570	2,470	6,180

SURVEYED BY: S.H.	DATE SURVEYED: 11-09-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-02-11	V2
SCALE: 1" = 60'	REVISED: F.T.M. 11-11-11	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 20, 2011

RECEIVED: November 20, 2011



Well Name	NEWFIELD PRODUCTION COMPANY Gilbert 2-14-3-3WH 430135108			
String	COND	SURF	I1	PROD
Casing Size(in)	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	2500	9707	13418
Previous Shoe Setting Depth (TVD)	0	60	2500	9707
Max Mud Weight (ppg)	8.3	8.3	10.5	10.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	4789			6.9

Calculations	COND String	14.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

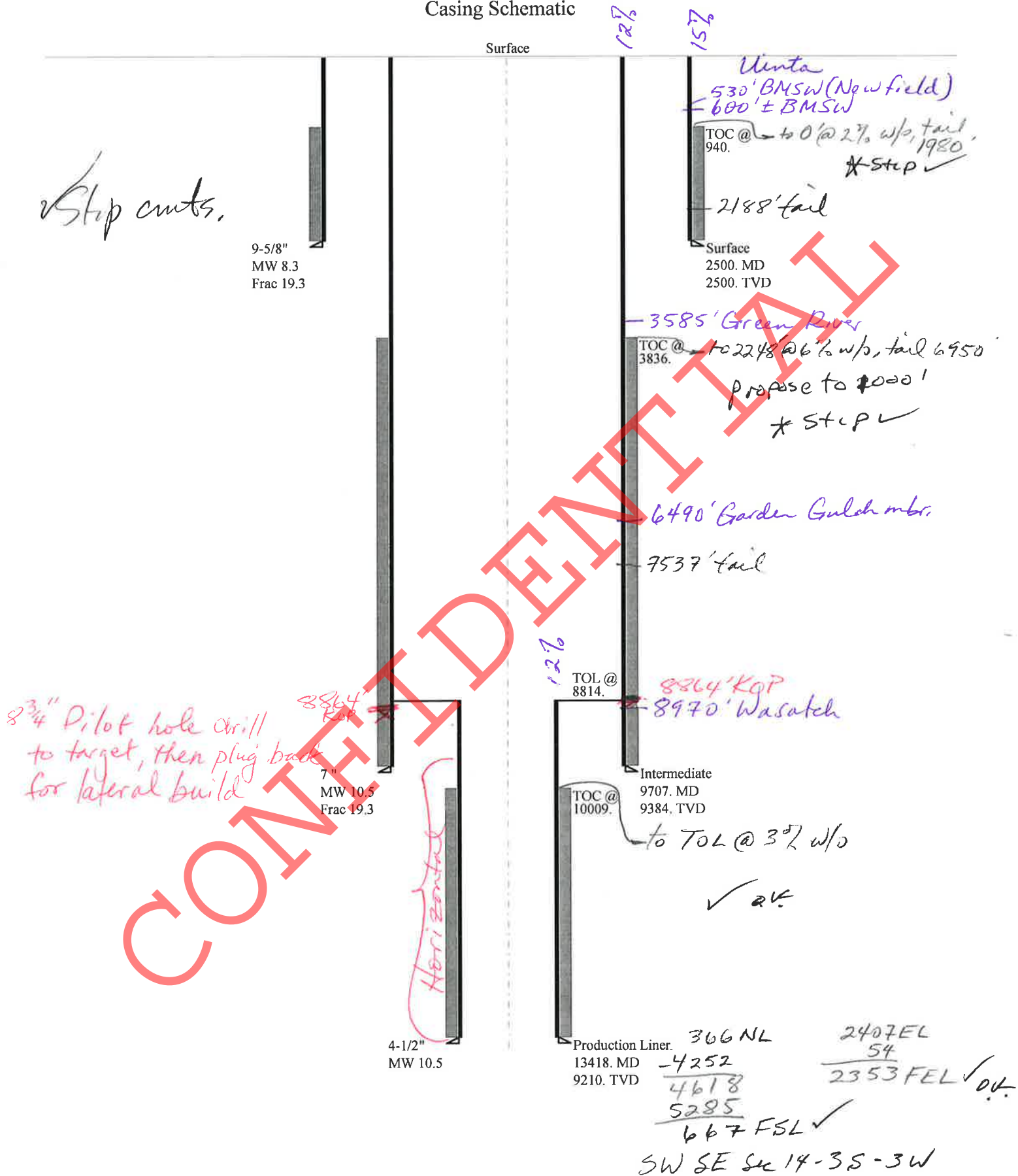
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1079	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	779	NO diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	529	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	542	NO Reasonable, no expected pressure
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	5300	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4135	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3164	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3714	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	7326	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5716	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4374	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6510	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		9707	psi *Assumes 1psi/ft frac gradient

43013510800000 Gilbert 2-14-3-3WH

Casing Schematic



Well name:	43013510800000 Gilbert 2-14-3-3WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-51080
Location:	DUCESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 940 ft

Burst

Max anticipated surface pressure: 2,200 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,192 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,384 ft
Next mud weight: 10.500 ppg
Next setting BHP: 5,119 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2500	9.625	36.00	J-55	ST&C	2500	2500	8.796	21730

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1082	2020	1.867	2500	3520	1.41	90	394	4.38 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 7, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43013510800000 Gilbert 2-14-3-3WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Intermediate	Project ID: 43-013-51080
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 205 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 3,836 ft

Burst

Max anticipated surface pressure: 3,054 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,119 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 7,898 ft

Directional Info - Build & Hold

Kick-off point 8864 ft
Departure at shoe: 546 ft
Maximum dogleg: 11 °/100ft
Inclination at shoe: 92.69 °

Re subsequent strings:

Next setting depth: 9,210 ft
Next mud weight: 10.500 ppg
Next setting BHP: 5,024 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,384 ft
Injection pressure: 9,384 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9707	7	26.00	P-110	Buttress	9384	9707	6.151	107952
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5119	6230	1.217	5119	9950	1.94	244	830.4	3.40 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 7, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9384 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013510800000 Gilbert 2-14-3-3WH	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production Liner	Project ID: 43-013-51080
Location:	DUCHESNE COUNTY	

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 203 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 10,009 ft

Burst

Max anticipated surface pressure: 2,997 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,024 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 9,164 ft

Liner top: 8,814 ft

Directional Info - Build & Hold

Kick-off point 8864 ft
Departure at shoe: 4253 ft
Maximum dogleg: 11 °/100ft
Inclination at shoe: 92.69 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4618	4.5	13.50	P-110	Buttress	9210	13418	3.795	27705
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5024	10680	2.126	5062	12410	2.45	5.5	421.9	76.23 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 7, 2012
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 9210 ft, a mud weight of 10.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Gilbert 2-14-3-3WH
API Number 43013510800000 **APD No** 4947 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWNE Sec 14 Tw 3.0S Rng 3.0W 366 FNL 2407 FEL
GPS Coord (UTM) **Surface Owner** Max and Valona Fabrizio

Participants

Max Fabrizio (landowner), Mark Jones (DOGM), Mark Reinbold (DOGM), Chris Jensen (DOGM), Tim Eaton (Newfield), Forrest Bird (Newfield), Zander McIntyre (Newfield), Jeff Henderson (Newfield)

Regional/Local Setting & Topography

The proposed site is located approximately 9.5 road miles or about 7 straight line miles west-northwest of Myton, Utah. The site is relatively flat, sloping gently down to the southeast. It is on an east-southeast sloping alluvial terrace. There is a small southeast flowing drainage a short distance to the southwest. The southeast flowing Lake Fork River is nearly a mile to the northeast, and beyond that is the North Myton Bench. The site is characterized by various desert shrubs, grasses (including saltgrass), and some trees, mostly Russian olives. A Questar gas line passes near the northeast corner of the proposed site.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat

New Road Miles

0.5

Well Pad

Width 300 Length 400

Src Const Material

Offsite

Surface Formation

ALLU

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

High water table

Flora / Fauna

The site is characterized by various desert shrubs, grasses (including saltgrass), and some trees, mostly Russian olives.

Soil Type and Characteristics

Sand/silt

Erosion Issues Y

Sedimentation Issues N

Site Stability Issues Y

Newfield suggested placing geogrid and rock under rig for stabilizing.

Drainage Diversion Required? Y

Divert drainages around and away from the location and access road.

Berm Required? Y

Berm location to prevent leaks and spills from leaving the pad.

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)		20
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Present	15
Final Score		65 1 Sensitivity Level

Characteristics / Requirements

Closed loop mud will be required because of the high water table and permeable soil. The cuttings pit should be lined.

Closed Loop Mud Required? Y Liner Required? Liner Thickness Pit Underlayment Required?

Other Observations / Comments

Mark Reinbold
Evaluator

12/7/2011
Date / Time

Application for Permit to Drill Statement of Basis

2/27/2012

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4947	43013510800000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Max and Valona Fabrizio	
Well Name	Gilbert 2-14-3-3WH		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NWNE 14 3S 3W U 366 FNL (UTM) 568976E 4453399N		2407 FEL	GPS Coord	

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 2,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 600'. Air and or fresh water will be used to drill the entire surface hole. A search of Division of Water Rights records shows 8 water wells within a 10,000 foot radius of the center of Section 14. Depth is listed as ranging from 50 to 400 feet. Depths are not listed for 2 wells. Water use is listed as irrigation, stock watering and domestic use. There are 3 wells just under 1 mile from the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The surface casing cement should be brought back to ground surface.

Brad Hill
APD Evaluator

1/9/2012
Date / Time

Surface Statement of Basis

The proposed site is located approximately 9.5 road miles or about 7 straight line miles west-northwest of Myton, Utah. The site is relatively flat, sloping gently down to the southeast. It is on an east-southeast sloping alluvial terrace. There is a small southeast flowing drainage a short distance to the southwest. The southeast flowing Lake Fork River is nearly a mile to the northeast, and beyond that is the North Myton Bench. The site is characterized by various desert shrubs, grasses (including saltgrass), and some trees, mostly Russian olives. A Questar gas line passes near the northeast corner of the proposed site. Drainages should be diverted around and away from the drillpad and access road. It will be necessary to fence around the cuttings pit to prevent wildlife and livestock from becoming a problem.

Mark Reinbold
Onsite Evaluator

12/7/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location. Cuttings shall be contained in an impermeable impoundment while drilling. Disposal of cuttings shall be done as approved by the Division.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: February 16, 2012

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/20/2011

API NO. ASSIGNED: 43013510800000

WELL NAME: Gilbert 2-14-3-WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWN 14 030S 030W

Permit Tech Review: ☒

SURFACE: 0366 FNL 2407 FEL

Engineering Review: ☒

BOTTOM: 0670 FSL 2407 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.22818

LONGITUDE: -110.18923

UTM SURF EASTINGS: 568976.00

NORTHINGS: 4453399.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - B001834☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 437478☒ RDCC Review: 2012-02-09 00:00:00.0☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

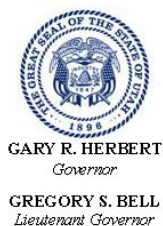
Board Cause No: R649-3-2.6

Effective Date:

Siting:

☐ R649-3-11. Directional DrillComments: Presite Completed
TEMP 640 ACRE SPACING:Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
21 - RDCC - dmason
23 - Spacing - dmason
25 - Surface Casing - hmacdonald
26 - Temporary Spacing - bhill
27 - Other - bhill

RECEIVED: February 16, 2012



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Gilbert 2-14-3-3WH
API Well Number: 43013510800000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 2/27/2012

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2.6. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

A temporary 640 acre spacing unit is hereby established in Section 14, Township 3 S, Range 3 W, USM for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000'MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas



Mail ▾

More

4 of about 85

COMPOSE

Inbox (4)

Starred

Important

Sent Mail

Drafts

BLM (113)

Cabinet

Electronic Rng

Eng. Tech

New Projects

Shared

Follow up

Misc

Priority

Tariq

More ▾

Don,

A couple comments on your spreadsheet.

- We need to rescind the approved UDOGM APDs and ask the BLM to return the following APDs
 - Oats 6-14-3-3W – [Wetland concerns](#)
 - Tuck 16-32-3-2W – [Wetland concerns](#)
 - Gilbert 2-14-3-3WH – [Wetland concerns](#)

Kirby

Kirby Carroll

Manager.Regulatory

Office: [303-685-8019](tel:303-685-8019) Ext 4019

Mobile: [303-378-4108](tel:303-378-4108)

NEWFIELD



[People \(4\)](#)

Star Point

starpoint@etv.net

[Show details](#)



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

March 4, 2013

Don Hamilton
Newfield Production Company
Route #3 Box 3630
Myton, UT 84052

Re: APD Rescinded – Gilbert 2-14-3-3WH, Sec. 14, T.3S, R.3W
Duchesne County, Utah API No. 43-013-51080

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on February 27, 2012. On March 1, 2013, you requested that the APD be rescinded. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 1, 2013.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Brad Hill, Technical Service Manager

